

WHAT IS CLAIMED IS:

1. A method of extracting nucleic acid or protein using dendorimers, in which multi-layer dendorimers are formed on the surface of fine particles, amino radicals are formed on the surface of the dendorimers, and nucleic acid or protein is extracted using these amino radicals.
2. A method of extracting nucleic acid or protein using dendorimers in accordance with claim 1, wherein said fine particles are those of bacteria-derived magnetic bodies, artificial magnetic bodies, metals, plastic beads, glass beads, or gel state substances.
3. A method of extracting nucleic acid or protein using dendorimers in accordance with claim 1 or claim 2, wherein said dendorimers are laminated on the surface of said fine particles after treating the surface of said fine particle with amino-silane.
4. A method of extracting nucleic acid or protein using dendorimers in accordance with any of claims 1 to 3, wherein said dendorimers are of the second generation and above.
5. A method of extracting nucleic acid or protein using dendorimers in accordance with any of claims 1 to 4, wherein protein is extracted using the antigen-antibody reaction by bonding antibodies to the surface of said dendorimers.
6. Dendorimer-compositional substances which are composed of fine particles, multi-layer dendorimers repeatedly synthesized on the surface of these fine particles, and amino radicals covering the surface of the above dendorimers, and are configured so that nucleic acid or protein can be captured by these amino radicals.
7. Dendorimer-compositional substances in accordance with claim 6, wherein said fine particles are those of bacteria-derived magnetic bodies, artificial magnetic bodies, metals, plastic beads, glass beads, or gel state substances.

8. Dendorimer-compositional substances in accordance with claim 6 or claim 7, wherein said dendorimers are laminated on the surface of said fine particles after treating the surface of said fine particles with amino-silane.

9. Dendorimer-compositional substances in accordance with any of claims 6 to 8, wherein said dendorimers are of the second generation and above.

10. Dendorimer-compositional substances in accordance with any of claims 6 to 9, which are configured so that protein is captured using the antigen-antibody reaction by bonding antibodies to the surface of said dendorimers.